

George C. Marshall Space Flight Center
Marshall Space Flight Center, Alabama 35812

ED43-016
BASELINE
JUNE 28, 1999

ORGANIZATIONAL WORK INSTRUCTION

ED43

CM/DRM AUTOMATED SYSTEMS

(CONFIGURATION MANAGEMENT MISSION SERVICES)

CHECK THE MASTER LIST—
VERIFY THAT THIS IS THE CORRECT VERSION BEFORE USE

Marshall Space Flight Center Organizational Work Instruction ED43		
CM/DRM Automated Systems (Configuration Management Mission Services)	ED43-016	Baseline
	Date: June 28, 1999	Page 1 of 5

DOCUMENT HISTORY LOG

Status (Baseline/ Revision/ Canceled)	Document Revision	Effective Date	Description
Baseline		June 28, 1999	Document converted from EL31-016 due to reorganization. Previous history retained in system as part of canceled or superseded Department files. Revised applicable documents to reflect converted Directives numbers.

CHECK THE MASTER LIST—VERIFY THAT THIS IS THE CORRECT VERSION BEFORE USE

Marshall Space Flight Center Organizational Work Instruction ED43		
CM/DRM Automated Systems (Configuration Management Mission Services)	ED43-016	Baseline
	Date: June 28, 1999	Page 2 of 5

CM/DRM AUTOMATED SYSTEMS (CONFIGURATION MANAGEMENT MISSION SERVICES)

1. SCOPE

1.1 Scope.

This procedure defines the responsibilities, documentation requirements, and the related processes for Configuration Management (CM)/Data Requirements Management (DRM) Automated Systems support to MSFC.

1.2 Purpose.

The purpose of this procedure is to provide clear instruction to Pace & Waite, Inc. (PWI) personnel on their responsibilities for supporting the development and maintenance of CM/DRM Automated Systems.

1.3 Applicability.

This procedure is applicable to PWI personnel providing CM/DRM Automated Systems support to MSFC.

2. APPLICABLE DOCUMENTS

MSFC-STD-555	MSFC Engineering Documentation Standard
MPD 1280.1	Marshall Management Manual
MPG 8040.1	Configuration Management, MSFC Programs/Projects
OWI ED43-003	Configuration Management, Automated Systems
NPG 1441.1	Records Retention Schedule

3. DEFINITIONS

None

Marshall Space Flight Center Organizational Work Instruction ED43		
CM/DRM Automated Systems (Configuration Management Mission Services)	ED43-016	Baseline
	Date: June 28, 1999	Page 3 of 5

4. INSTRUCTIONS

4.1 CM/DRM Automated Systems

The CM/DRM automated systems required for the implementation of requirements of MPD 1280.1, MPG 8040.1 and MSFC-STD-555 activities to be performed by PWI shall include the following:

- a. Define and document functional requirements for the development of integrated Graphics CM/DRM automated systems. Update, as necessary, functional requirements for existing CM automated systems.
- b. Define and document requirements that will integrate the CM/DRM automated systems with external MSFC, Agency, and Contractor systems.
- c. Maintain internal database software such as the Specifications and Standards System and the ICMS Data Element Dictionary System (IDEDS).
- d. Identify enhancements/discrepancies of CM/DRM software, and perform functional analysis on enhancements and/or discrepancies.
- e. Develop and maintain user's manuals and participate in user orientation for CM/DRM automated systems.
- f. Provide input to, and evaluation of, acceptance testing of CM/DRM automated systems.
- g. Prepare presentations and demonstrations of state-of-the art computer hardware and software technology for use in CM/DRM automated systems development

Marshall Space Flight Center Organizational Work Instruction ED43		
CM/DRM Automated Systems (Configuration Management Mission Services)	ED43-016	Baseline
	Date: June 28, 1999	Page 4 of 5

5. NOTES

None

6. SAFETY PRECAUTIONS AND WARNING NOTES

None

7. APPENDICES, DATA, REPORTS, AND FORMS

None

8. QUALITY RECORDS

Quality Records for CM Automated Systems are defined in ED43-003.

This OWI is a quality record. The official electronic document is found on the Engineering Systems Department Master List. Retention/disposition in accordance with NPG 1441.1, Schedule 1/72[1410].6.2. Destroy when superseded or obsolete.

9. TOOLS, EQUIPMENT, AND MATERIALS

None

10. PERSONNEL TRAINING AND CERTIFICATION

None

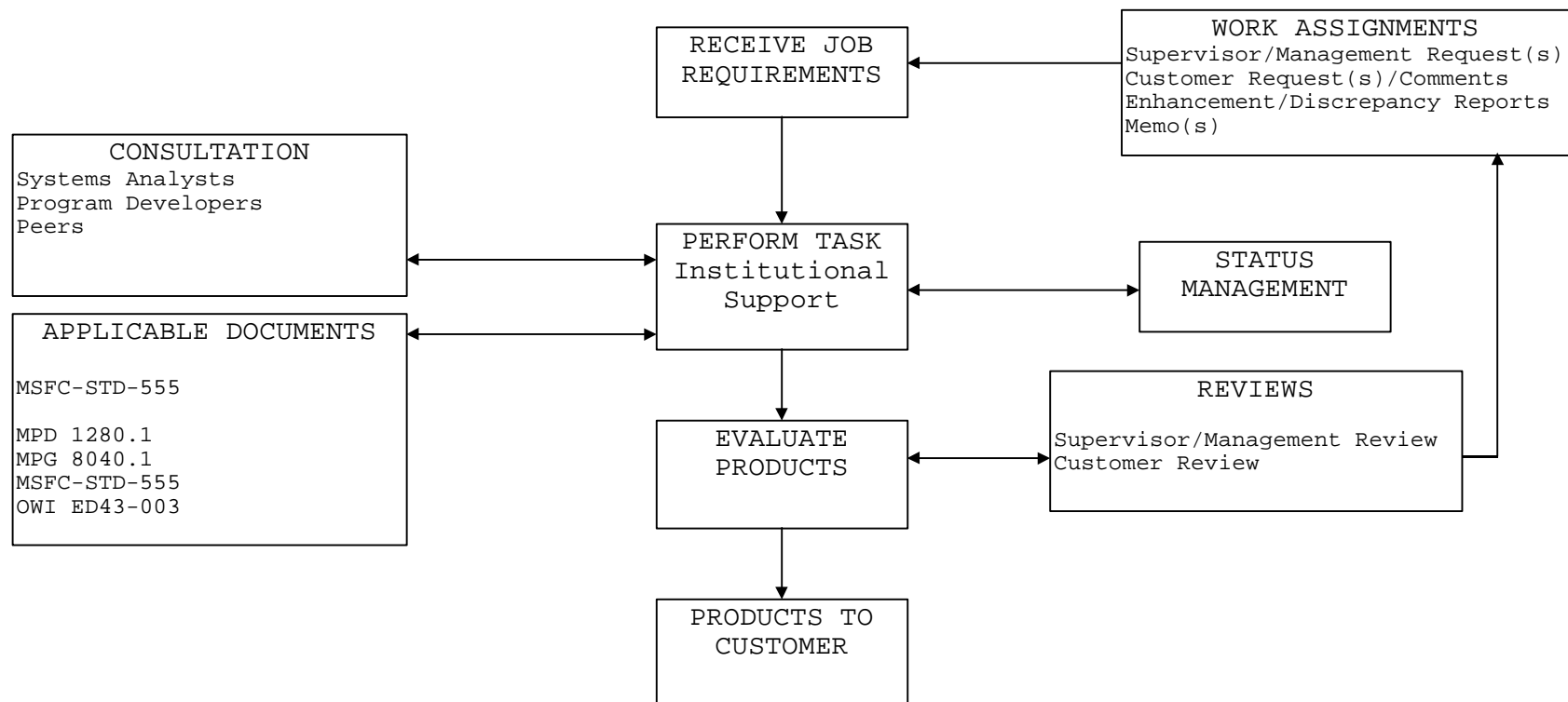
11. FLOW DIAGRAM

See APPENDIX A

Marshall Space Flight Center Organizational Work Instruction ED43		
CM/DRM Automated Systems (Configuration Management Mission Services)	ED43-016	Baseline
	Date: June 28, 1999	Page 5 of 5

APPENDIX A

CM/DRM AUTOMATED SYSTEMS (CONFIGURATION MANAGEMENT MISSION SERVICES)



CHECK THE MASTER LIST—VERIFY THAT THIS IS THE CORRECT VERSION BEFORE USE